

**THERMOPLASTIC RESIN MOLDING COATED WITH PLASMA POLYMER FILM****Publication number:** JP60260628**Publication date:** 1985-12-23**Inventor:** TAGUCHI TOSHIHARU**Applicant:** IDEMITSU PETROCHEMICAL CO**Classification:****- International:** C08J7/00; B32B27/30; C08J7/04; C08J7/00;  
B32B27/30; (IPC1-7): B32B27/30; C08J7/00; C08J7/04**- European:****Application number:** JP19840116562 19840608**Priority number(s):** JP19840116562 19840608[Report a data error here](#)**Abstract of JP60260628**

**PURPOSE:**The titled resin molding excellent in gas barrier property, moisture impermeability and liquid barrier property and high in the production rate, prepared by forming a plasma polymer film of a specified monomer on the surface of a specified thermoplastic resin molding. **CONSTITUTION:**The desired thermoplastic resin molding is obtained by coating the surface of a molding of at least one thermoplastic resin selected from among polycarbonate resins, styrene resins and polyolefin resins with a plasma polymer film of at least one monomer selected from among tetrafluoroethylene, acrylonitrile, acrylic acid, methyl methacrylate, vinyl chloride and vinylidene chloride. In order to activate the surface of the thermoplastic resin molding, it is desirable to pretreat the surface of the molding by ion bombardment in a plasma of an inert gas such as helium or argon.

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